

Notice of Allowability	Application No.	Applicant(s)	
	10/647,324	TAI, MEI-HUI	
	Examiner	Art Unit	
	Hargobind S Sawhney	2875	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the application filed on 8/26/2003.
2. ☒ The allowed claim(s) is/are 1-6.
3. ☒ The drawings filed on 26 August 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Allowable Subject Matter

1. Claims 1-6 are allowed.

The prior art of record, including Deutsch et al. (U.S. Patent No. 6,467,939 B2), and Gailbert (U.S. Patent No. 4,176,390), does not show or suggest the applicant's invention as claimed. Specifically, the prior art of record does not disclose a centrifugal force activated signal light assembly comprising:

- a wheel-mounted, electrically conductive casing including: battery cells mounted on an electrically conductive conical spring which further having an electrically conductive weight suspended from its bottom as recited in claims 1 and 4;
- rotational movement of the casing electrically coupling the battery cells, via movement of the weight, for energizing an light emitting element as recited in claims 1 and 4;

The above-indicated combination including: a typical positioning of a casing, a conical spring and a weight each being electrically conductive, makes this invention unique.

Deutsch et al. ('939 B2) discloses a light for vehicle wheels including a light-emitting member energized with its downward movement produced by centrifugal forces due to rotation of the light. Additionally, Deutsch et al. ('939 B2) teaches does not teach closing of the electrical circuit requiring a casing and a weight, each electrically conductive, suspended from the bottom of a spring. Gailbert ('390) discloses a light

energizing in similar manner, actuated with downward movement, as that taught by Deutsch et al. ('939 B2). Thus, Deutsch et al. ('939 B2) or Gailbert ('390) does not meet the claimed limitations of claims 1 and 4.

Therefore, claims 1 and 4 are allowed over prior art.

Claims 2 and 3 are necessarily allowed because of their dependency on the base allowed Claim 1.

Claims 5 and 6 are necessarily allowed because of their dependency on the base allowed Claim 4.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Wang (U.S. Patent No. 6,776,458 B1), Deutsch (U.S. Patent No.: 6,742,913 B2), Panzarella (US Patent Application Pub. No.: 2004/ 0037085), Huang (U.S. Patent No.: 6,572,251 B1), Duke et al. (U.S. Patent No.: 6,070,997), Hsieh (U.S. Patent No.: 5,763,845), Kawasaki (U.S. Patent No.: 4,847,735) and Leon (U.S. Patent No.: 4,800,469)

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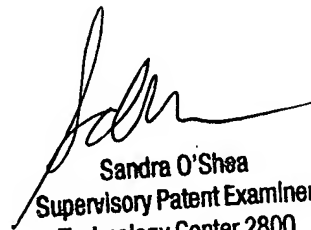
3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hargobind S Sawhney whose telephone number is 571 272 2380. The examiner can normally be reached on 6:15 - 2:45.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on 571 272 2378. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

1/6/2005

HSS



Sandra O'Shea
Supervisory Patent Examiner
Technology Center 2800